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LAMINATE WITH FLEXIBILITY

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Abstract

PURPOSE:To enhance the flexibility of the laminate concerned by a structure wherein the laminate consists of thermoplastic rubbery elastic layer, which is made of hydrogenated block copolymer and adherent ethylene copolymer, and non-woven fabric, the fibers of which are arranged longitudinally in parallel or in zigzag direction.

CONSTITUTION:The laminate concerned is mad of thermoplastic rubber layer consisting of 100 pts.wt. of hydrogenated block copolymer, which is obtained by hydrogenating polymeric block A mainly made of one kind or more of vinyl aromatic compound and polymeric block B mainly made of one kind or more of conjugated diene compound, and 10-150 pts.wt. of ethylene-based copolymer and non-woven fabric. The vinyl aromatic compound used can be selected from among styrene, alpha-methylstyrene, vinyltoluene and the like. The conjugated diene compound before hydrogenated is selected from among butadiene, isoprene, 1,3-pentadiene and the like. Further, the non-woven fabric is fibers such as polypropylene fiber, acrylic fiber, polyester fiber or the like arranged longitudinally in parallel or in zigzag direction. Thus, the laminate having flexibility, waterproofness, dust-proofness and the like is obtained.

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